

Converting Colors

$Y_{xy}(11.2262, 0.3082, 0.5935)$

Have a look what the booklet for
Yxy(11.2262, 0.3082, 0.5935)
contains.

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Color

Yxy(11.3006, 0.3081, 0.5936)

Conversions

Conversions Part 1

Format	Color
Hex	146E00
RGB	20, 110, 0
RGB Percent	8%, 43%, 0%
CMY	0.9213, 0.5686, 1.0000
CMYK	0.82, 0.00, 1.00, 0.57
HSL	109°, 100%, 22%
HSV	109°, 100%, 43%
XYZ	5.8654, 11.3006, 1.8714
YIQ	70.5500, -18.3300, -53.2900

Conversions

Conversions Part 2

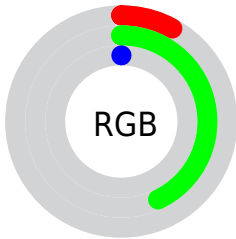
Format	Color
RYB	0, 110, 90
Decimal	1338880
CIELab	40.08, -44.15, 45.08
CIELCh	40, 63.097, 134.401
Yxy	11.3006, 0.3081, 0.5936
Android (android.graphics.Color)	4279528960 (0xFF146E00)
YUV	70.5500, -34.7811, -44.3323
Hunter-Lab	33.6164, -27.6838, 20.2309

Details

The Yxy color **11.3006, 0.3081, 0.5936** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **3.2957, 0.2772, 0.1301**, and the grayscale version is **6.2870, 0.3127, 0.3290**.

A 20% lighter version of the original color is **28.3492, 0.3203, 0.5202**, and **3.3375, 0.3000, 0.6000** is the 20% darker color. If you saturate the color by 10%, you get **11.3011, 0.3081, 0.5936**, and if you desaturate by 10%, it is **11.4380, 0.3106, 0.5782**.

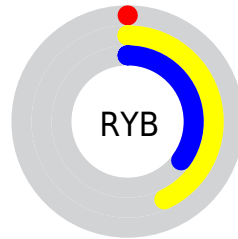
Distribution



Red (8%)

Green (43%)

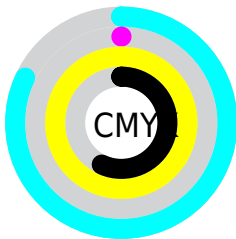
Blue (0%)



Red (0%)

Yellow (43%)

Blue (35%)

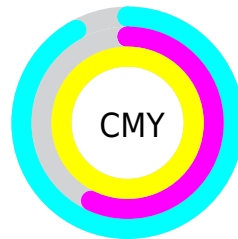


Cyan (82%)

Magenta (0%)

Yellow (100%)

Black (57%)



Cyan (92%)


Magenta (57%)

Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.3006, 0.3081, 0.5936 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 11.3006, 0.3081, 0.5936 by changing the saturation by 10% instead.


 11.3006, 0.3081,
0.5936

 11.3006, 0.3081,
0.5936


 199.7184, 0.3229,
0.4225


 6.2694, 0.2936,
0.6567


 28.2147, 0.3202,
0.5198


 3.0096, 0.2588,
0.7412

 40.8664, 0.3222,
0.4957


 1.1367, 0.0000,
1.0000

 56.8270, 0.3231,
0.4767

 0.0091, 0.0000,
1.0000

 76.4810, 0.3235,
0.4615


 0.0000, 0.0000,
0.0000

 100.2128, 0.3235,
0.4491


 128.4067, 0.3234,


0.4387

 161.4471, 0.3232,
0.4300

 11.3006, 0.3081,
0.5936


 11.3006, 0.3081,
0.5936


 11.3011, 0.3081,
0.5936

 11.4380, 0.3106,
0.5782

 11.6227, 0.3135,
0.5587

 11.8670, 0.3157,
0.5333

 12.1755, 0.3171,
0.5038

 12.5525, 0.3177,
0.4720

■ 13.0019, 0.3175,
0.4399

■ 13.5274, 0.3168,
0.4088

■ 14.1322, 0.3157,
0.3796

■ 14.8195, 0.3143,
0.3530

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



11.3006, 0.4255, 0.5475



11.3006, 0.3081, 0.5936



11.3006, 0.1985, 0.4977

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



11.3006, 0.3081, 0.5936



11.3006, 0.1182, 0.1546



11.3006, 0.5326, 0.2850

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



11.3006, 0.3081, 0.5936



3.2957, 0.2772, 0.1301

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



11.3006, 0.4022, 0.2159



11.3006, 0.3081, 0.5936



11.3006, 0.1668, 0.1453

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



11.3006, 0.3081, 0.5936



11.3006, 0.1049, 0.2051



11.3006, 0.2618, 0.1666



11.3006, 0.5747, 0.3620

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



11.3006, 0.3081, 0.5936



11.3006, 0.1454, 0.3780



11.3006, 0.2618, 0.1666



11.3006, 0.4960, 0.2607

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



11.3011, 0.3081, 0.5936



23.6785, 0.3169, 0.4112



10.5990, 0.4540, 0.4777



5.4404, 0.3172, 0.4208



57.0482, 0.3127, 0.3290



6.3724, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



11.3011, 0.3081, 0.5936



19.8053, 0.3068, 0.5946



11.2720, 0.2854, 0.5474



3.7898, 0.3141, 0.3505



13.5660, 0.3076, 0.5939



67.2968, 0.3051, 0.5959

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



3.2957, 0.2772, 0.1301



5.7411, 0.2760, 0.1294



3.8252, 0.4154, 0.2062



3.4242, 0.3111, 0.3081



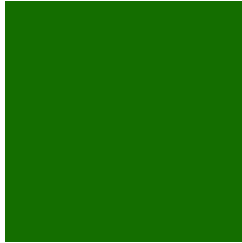
3.9480, 0.2768, 0.1299



19.3233, 0.2743, 0.1285

Previews

White Background



This preview shows how the Yxy color 11.3006, 0.3081, 0.5936 looks on a white background.

Color Contrast Check

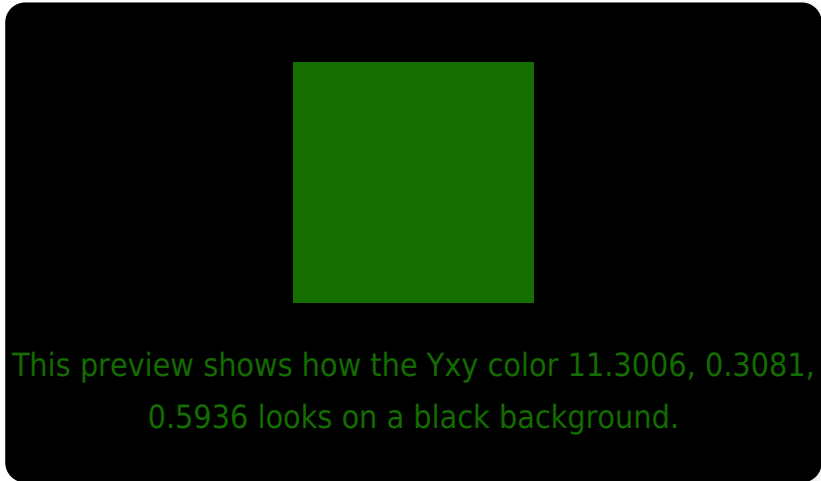
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

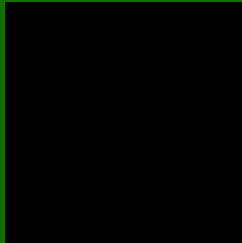
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 11.3006, 0.3081, 0.5936

Background



This preview shows how black text looks on a background with the Yxy color 11.3006, 0.3081, 0.5936.



This preview shows how white text looks on a background with the Yxy color 11.3006, 0.3081, 0.5936.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

11.3006, 0.3081, 0.5936

Protanopia

11.0696, 0.4396, 0.4892

Deuteranopia

11.0623, 0.4542, 0.4482



Tritanopia

11.3034, 0.2406, 0.3060

Trichromacy



Original Color

11.3006, 0.3081, 0.5936

Protanomaly

10.6102, 0.3782, 0.5379

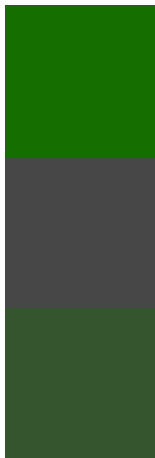
Deuteranomaly

10.3777, 0.3870, 0.5122

Tritanomaly

10.9702, 0.2722, 0.4274

Monochromacy



Original Color

11.3006, 0.3081, 0.5936

Achromatopsia

6.3010, 0.3127, 0.3290

Achromatomaly

7.4165, 0.3172, 0.4579

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.3006, 0.3081, 0.5936 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(20, 110, 0)` looks like.

```
.text, #text, p{  
    color:rgb(20, 110, 0)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(20, 110, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(20, 110, 0) }
```

Border

The CSS property to change the border of an element to Yxy 11.3006, 0.3081, 0.5936 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(20, 110, 0) }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(20, 110, 0) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(20, 110, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(20, 110, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(20, 110, 0);  
box-shadow:4px 4px 4px 4px rgb(20, 110, 0)  
}
```


Background

The CSS property to change the background color of an element to Yxy 11.3006, 0.3081, 0.5936 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(20, 110, 0) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(20, 110,  
0) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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